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Human serum albumin prepn. by yeast host - by culturing transformed plasmid yeast to produce serum, and removing it

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Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2117384	A	19900501	JP 88268302	A	19881026	199023 B

Priority Applications (No Type Date): JP 88268302 A 19881026

Abstract (Basic): JP 2117384 A

DNA which has leader sequence coded by codon translated efficiently in yeast of the prepro sequence of human serum albumin A is claimed, and cDNA that codes human serum albumin A is further down than leader sequence. DNA has the human serum albumin A coding cDNA and poly (A) sequence existing further down than the cDNA. DNA has a leader sequence coded by codon-muli used in yeast of the prepro sequence of human serum albumin A, human serum albumin A coding cDNA, and poly (A) sequence in that order. DNA of (1) or (2) is further claimed in which the leader sequence is formulated as (I). Expression plasmid is claimed in which DNA is inserted between promoter and terminator that can function in yeast, in expressible direction. And further claimed is yeast which is transformed by expression plasmid and prepn. of matured human serum albumin A by culturing yeast to produce and secrete matured human serum albumin A, and by -. collecting it.

USE/ADVANTAGE - Matured human serum can be produced and secreted in soluble form and in the same stereo structure with natural serum albumin A exogenously. Recovery and purificn. of the prod. can be proceeded easily, and mass-prodn. of human serum albumin is possible.
(27pp Dwg.No.0/0)

Title Terms: HUMAN; SERUM; ALBUMIN; PREPARATION; YEAST; HOST; CULTURE; TRANSFORM; PLASMID; YEAST; PRODUCE; SERUM; REMOVE

Derwent Class: B04; D16

International Patent Class (Additional): C12N-001/19; C12N-015/14;

C12P-021/02; C12R-001/86

File Segment: CPI